

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-30 (canceled)

Claim 31 (currently amended): The film of claim ~~437~~ 148 wherein the size of at least some of the optical elements varies across the film.

Claim 32 (currently amended): The film of claim ~~437~~ 148 wherein the density of at least some of the optical elements varies across the film.

Claims 33-37 (canceled)

Claim 38 (currently amended): The film of claim ~~437~~ 148 wherein at least some of the optical elements have an angled surface that varies in area across the film.

Claim 39 (canceled)

Claim 40 (currently amended): The film of claim ~~437~~ 148 wherein at least some of the optical elements vary in depth or height across the film.

Claims 41 and 42 (canceled)

Claim 43 (currently amended): The film of claim ~~437~~ 148 wherein the orientation of at least some of the optical elements varies across the film.

Claim 44 (canceled)

Claim 45 (currently amended): The film of claim ~~437~~ 148 wherein at least some of the optical elements have angled surfaces that vary in height or depth across the film.

Claim 46 (currently amended): The film of claim ~~437~~ 148 wherein at least some of the optical elements are arranged in groupings across the film, at least some of the optical elements in each of the groupings having at least one different shape characteristic that collectively produces an average shape characteristic for each of the groupings.

Claim 47 (original): The film of claim 46 wherein the average shape characteristic of at least some of the groupings varies across the film.

Claim 48 (original): The film of claim 46 wherein at least some of the optical elements in each of the groupings have a different depth or height that collectively produce an average depth or height characteristic for each of the groupings.

Claim 49 (original): The film of claim 48 wherein the average depth or height characteristic for at least some of the groupings varies across the film.

Claim 50 (original): The film of claim 46 wherein at least some of the optical elements in each of the groupings have a different slope angle that collectively produce an average slope angle for each of the groupings.

Claim 51 (original): The film of claim 50 wherein the average slope angle for each of the groupings varies across the film.

Claim 52 (original): The film of claim 46 wherein at least some of the optical elements in each of the groupings have a different orientation that collectively produce an average orientation for each of the groupings.

Claim 53 (original): The film of claim 52 wherein the average orientation for at least some of the groupings varies across the film.

Claim 54 (canceled)

Claim 55 (currently amended): The film of claim 46 148 wherein at least some of the optical elements in each of the groupings have a different width or length that collectively produce an average width or length for each of the groupings.

Claim 56 (original): The film of claim 55 wherein the average width or length for at least some of the groupings varies across the film.

Claim 57 (canceled)

Claim 58 (currently amended): The film of claim ~~437~~ 148 wherein at least some of the optical elements are oriented at different angles across the substrate for redirecting light along different axes.

Claims 59-61 (canceled)

Claim 62 (currently amended): The film of claim ~~437~~ 148 wherein at least the one side of the substrate is smooth.

Claim 63 (currently amended): The film of claim ~~437~~ 148 wherein at least the one side of the substrate is coated with an optical coating.

Claim 64 (currently amended): The film of claim ~~437~~ 148 wherein at least the one side of the substrate has a matte or texture finish.

Claims 65-140 (canceled)

Claim 141 (currently amended): The film of claim ~~438~~ 148 wherein the ridge of the optical elements is in a single plane.

Claims 142-144 (canceled)

Claim 145 (currently amended): The film of claim ~~137~~ 148 wherein at least some of the optical elements intersect the substrate at different angles.

Claim 146 (currently amended): The film of claim ~~137~~ 153 wherein the ratio of the planar surface to the curved surface of the optical elements is selected to produce a desired viewing angle.

Claim 147 (currently amended): The film of claim ~~137~~ 148 wherein the light that enters the one side of the substrate is received from a backlight, and at least some of the optical elements differ in size, shape, angle or orientation to redistribute more of the light emitted by the backlight in a desired viewing angle.

Claim 148 (previously presented): A light redirecting film comprising a thin optically transparent substrate having opposite sides, individual optical elements of well defined shape on or in the substrate for redirecting at least some light passing through one side and out the other side in a predetermined beam pattern, the optical elements being quite small in relation to a width and length of the substrate, at least some of the optical elements having at least two sloping surfaces that intersect each other to form a ridge having ends that intersect the substrate or another optical element where the ridge ends, the optical elements overlapping, intersecting or interlocking each other such that the optical elements substantially cover at least one of the sides of the substrate.

Claim 149 (previously presented): The film of claim 148 wherein at least some of the optical elements only have one ridge.

Claim 150 (previously presented): The film of claim 148 wherein the ridge has a maximum height intermediate the ends of the ridge.

Claim 151 (previously presented): The film of claim 148 wherein the ridge has a maximum depth intermediate the ends of the ridge.

Claim 152 (previously presented): The film of claim 148 wherein at least some of the optical elements are on or in the one side, the other side or both sides of the substrate.

Claim 153 (previously presented): The film of claim 148 wherein at least some of the optical elements have at least one planar surface and at least one curved surface.

Claim 154 (previously presented): The film of claim 148 wherein at least some of the optical elements have at least two planar surfaces.

Claim 155 (previously presented): The film of claim 148 wherein at least some of the optical elements have at least two curved surfaces.

Claim 156 (previously presented): The film of claim 148 wherein at least some of the optical elements have at least two sloping surfaces that intersect the substrate or another optical element.

Claims 157-163 (canceled)

Claim 164 (currently amended): The film of claim ~~157~~ 148 wherein at least some of the optical elements or the optical element surfaces are rotated or intersect the substrate at different angles.

Claim 165 (canceled)

Claim 166 (currently amended): The film of claim ~~157~~ 153 wherein the curvature of the curved surface of the optical elements is selected to produce a desired viewing angle.

Claim 167 (previously presented): A light redirecting film comprising a thin optically transparent substrate having opposite sides, individual optical elements of well defined shape on or in the substrate to redistribute at least some light entering one side and exiting the other side toward a direction normal to the substrate, the optical elements being quite small in relation to a width and length of the substrate, at least some of the optical elements having at least two sloping surfaces that intersect each other to form a ridge having ends, the ridge of at

least some of the optical elements being in generally the same direction, the optical elements overlapping, intersecting or interlocking each other such that the optical elements substantially cover at least one of the sides of the substrate.

Claim 168 (previously presented): The film of claim 167 wherein the optical elements randomly overlap, intersect or interlock each other.

Claim 169 (previously presented): The film of claim 167 wherein at least some of the optical elements are on or in the one side, the other side or both sides of the substrate.

Claim 170 (previously presented): The film of claim 167 wherein the ridge of at least some of the optical elements is in the same plane.

Claim 171 (canceled)

Claim 172 (currently amended): The film of claim 171 wherein A light redirecting film comprising a thin optically transparent substrate having opposite sides, individual optical elements of well defined shape on or in the substrate to redistribute at least some light entering one side and exiting the other side toward a direction normal to the substrate, at least some of the optical elements having a greater length than width, the optical elements being quite small in relation to a width and length of the substrate, at least some of the optical elements having at

least two sloping surfaces that intersect each other to form a ridge with end points, the ridge of at least some of the optical elements being generally parallel to the length direction of the optical elements, at least some of the optical elements overlap, intersect or interlock overlapping, intersecting or interlocking each other.

Claim 173 (currently amended): ~~The film of claim 171 wherein~~ A light redirecting film comprising a thin optically transparent substrate having opposite sides, individual optical elements of well defined shape on or in the substrate to redistribute at least some light entering one side and exiting the other side toward a direction normal to the substrate, at least some of the optical elements having a greater length than width, the optical elements being quite small in relation to a width and length of the substrate, at least some of the optical elements having at least two sloping surfaces that intersect each other to form a ridge with end points, the ridge of at least some of the optical elements being generally parallel to the length direction of the optical elements, the optical elements overlap, intersect or interlock overlapping, intersecting or interlocking each other to substantially cover at least one of the sides of the substrate.

Claim 174 (previously presented): The film of claim 173 wherein the optical elements randomly overlap, intersect or interlock each other.

Claim 175 (currently amended): The film of claim ~~474~~ 172 wherein at least some of the optical elements are on or in the one side, the other side or both sides of the substrate.

Claim 176 (canceled)

Claim 177 (currently amended): The film of claim ~~476~~ 148 which comprises two layers of the film that are rotated with respect to each other.

Claims 178-188 (canceled)